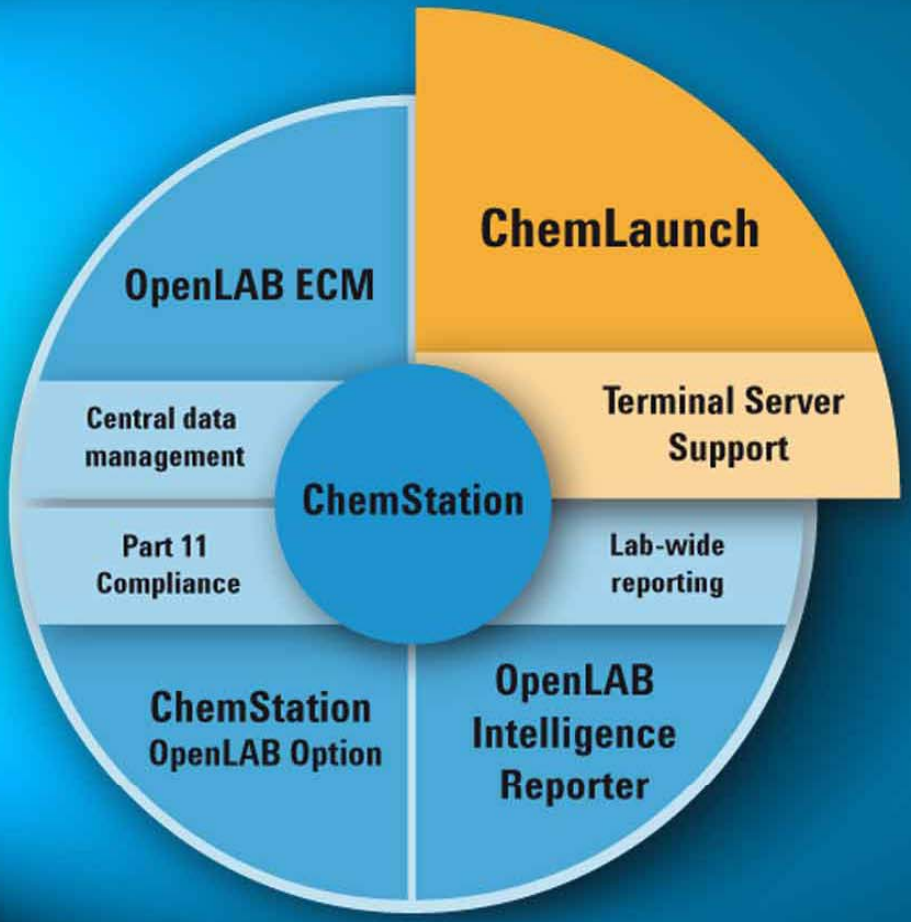
ChemStation e-Seminars



What can ChemStation B.04.01 do for your lab today?
July 21, 2009 – 11 am ET – 8 am PT

Secrets of GC/MS ChemStation for drugs of abuse revealed
August 18, 2009 – 11 am ET – 8 am PT

Operate your ChemStation from anywhere
September 22, 2009 – 11 am ET – 8 am PT

Troubleshooting made easy for your CE, GC & LC
October 27, 2009 – 11 am ET – 8 am PT

Get the most out of your MSD ChemStation Tips and Tricks for GC/MS
November 17, 2009 – 11 am ET – 8 am PT

Chromatography data systems – Get the most out of your new ChemStation user interface
December 15, 2009 – 11 am ET – 8 am PT

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ChemStation E-Seminar Agenda

Schedule	Short description	Agilent Speaker
21. July. 2009	What Can ChemStation B.04.01 Do for Your Lab Today?	Ute Bober
18. Aug. 2009	Secrets of GC/MS ChemStation for Drugs of Abuse Revealed	Anthony Gray
22. Sept. 2009	Operate Your ChemStation From Anywhere Using ChemLaunch (Healex Systems Ltd.) 	Ortrud Emde (Agilent) Nicholas Place (Healex)
27. Oct. 2009	Troubleshooting Made Easy For Your LC, CE,and GC	Ortrud Emde Scott Marshall
17. Nov. 2009	Get the Most Out of Your MSD ChemStation Tips and Tricks for GC/MS	Anthony Gray
15. Dec. 2009	Chromatography Data Systems – Get the Most Out of Your New ChemStation User Interface	Steve Brown Bob Guiffre

Agenda

- Objectives
- Benefits Overview
- Product Overview
- Demonstration
- Running ChemStation in ChemLaunch
- Information about the combined solution
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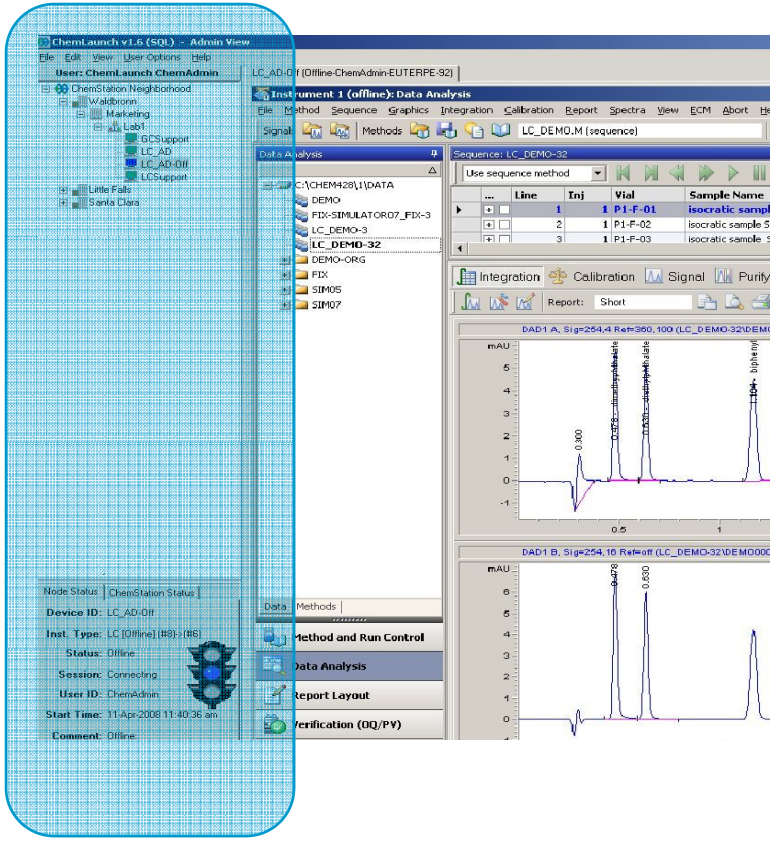
Objectives

The objectives of this presentation are to:

- Introduce the Healex ChemLaunch Solution
- Highlight its benefits
- Provide a ChemLaunch Demo



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Proven Software Solutions

Agenda

- Objectives
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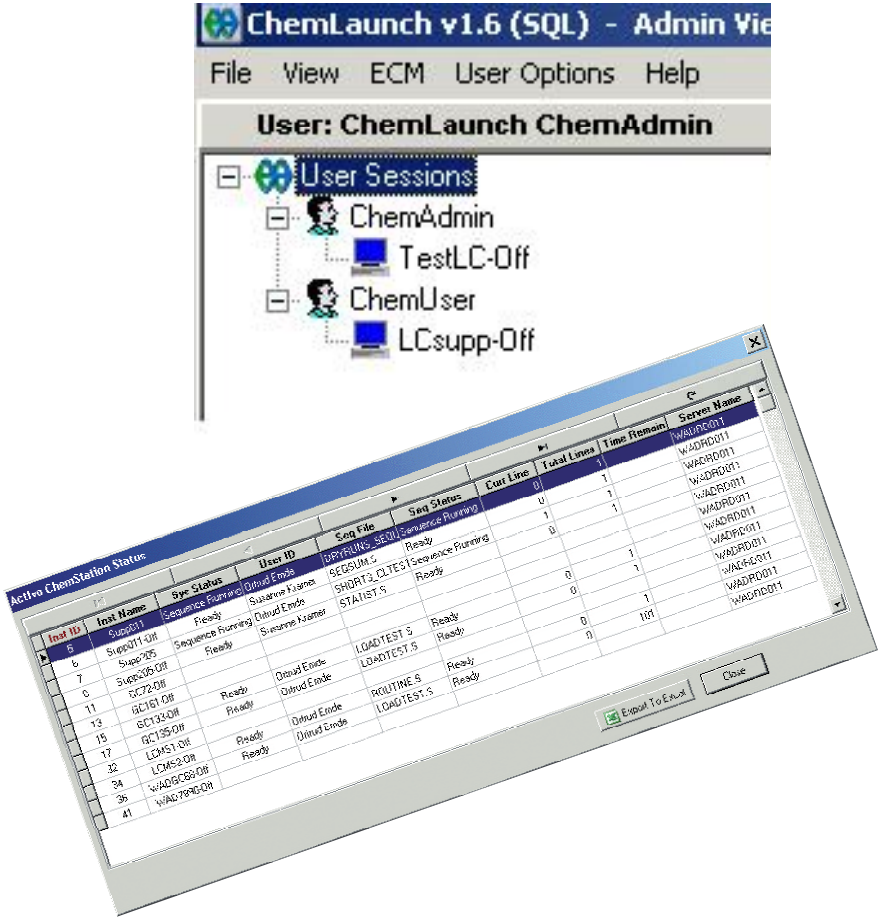
Benefits Overview

- ChemLaunch thin client solution reduces compliance costs.
- ChemLaunch will save time by allowing password protected instrument control from anywhere on the LAN/WAN.
- ChemLaunch will save analyst's time in tracking down the run-status of the instruments across the lab, between buildings or from home.
- ChemLaunch's centralized control will reduce IT support costs by eliminating redundant PC hardware, software, upgrades, and maintenance and support costs.



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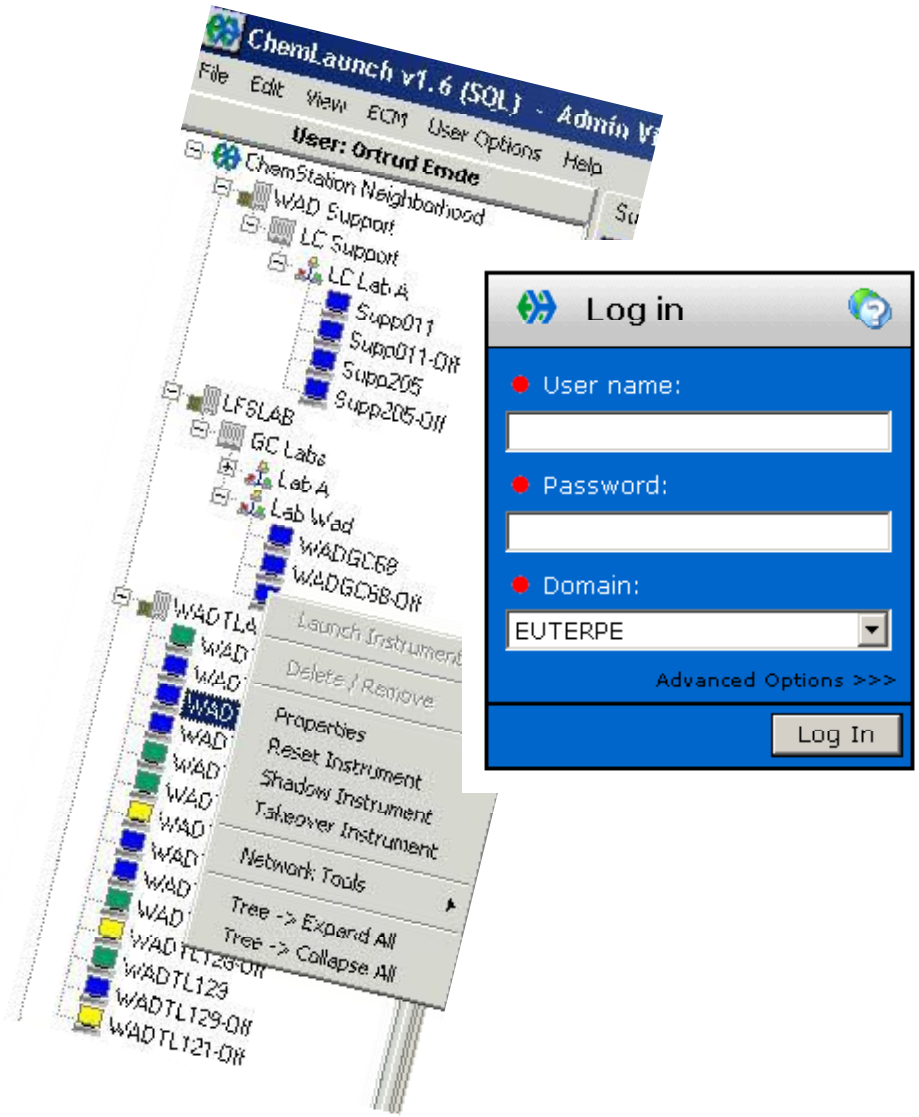
Proven Software Solutions

Benefits Overview

- ChemLaunch will save lab space by eliminating the need for instrument PC's on the lab bench.
- ChemLaunch has a very short learning curve as it is built on the ChemStation platform.
- The thin client solution allows fast and affordable scalability and upgrades.



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Proven Software Solutions

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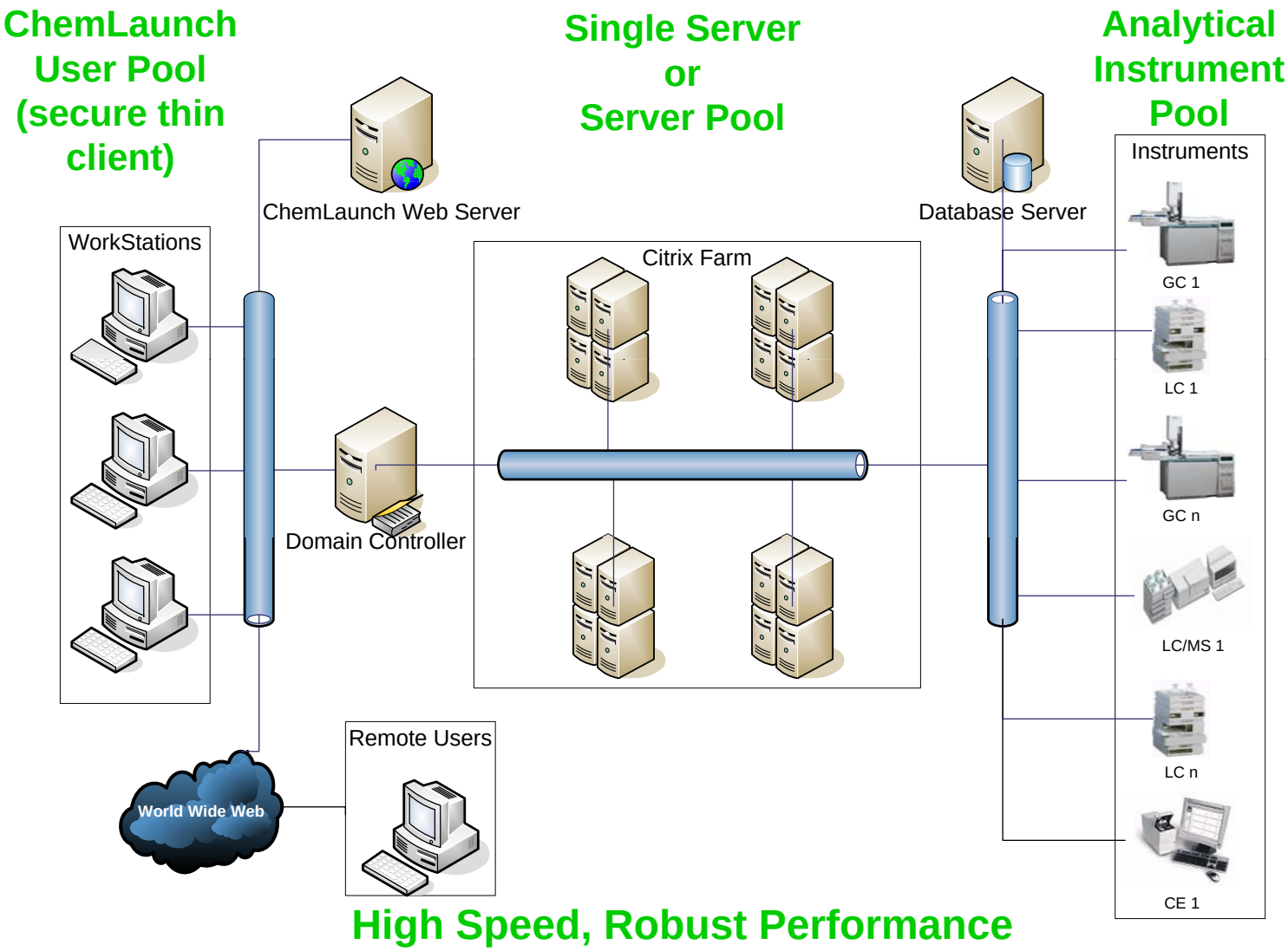
Solution Overview

ChemLaunch is a proven and cost effective solution that enables the ChemStation family of software to be moved from fat clients on individual PC's onto a centralized, controlled, server solution and enables secure, thin client access from potentially anywhere in the world.

Utilizing:

- Microsoft Terminal Server
- Citrix
- Agilent ChemStation
- Healex ChemLaunch (Gatekeeper/data segregation)

Product Overview



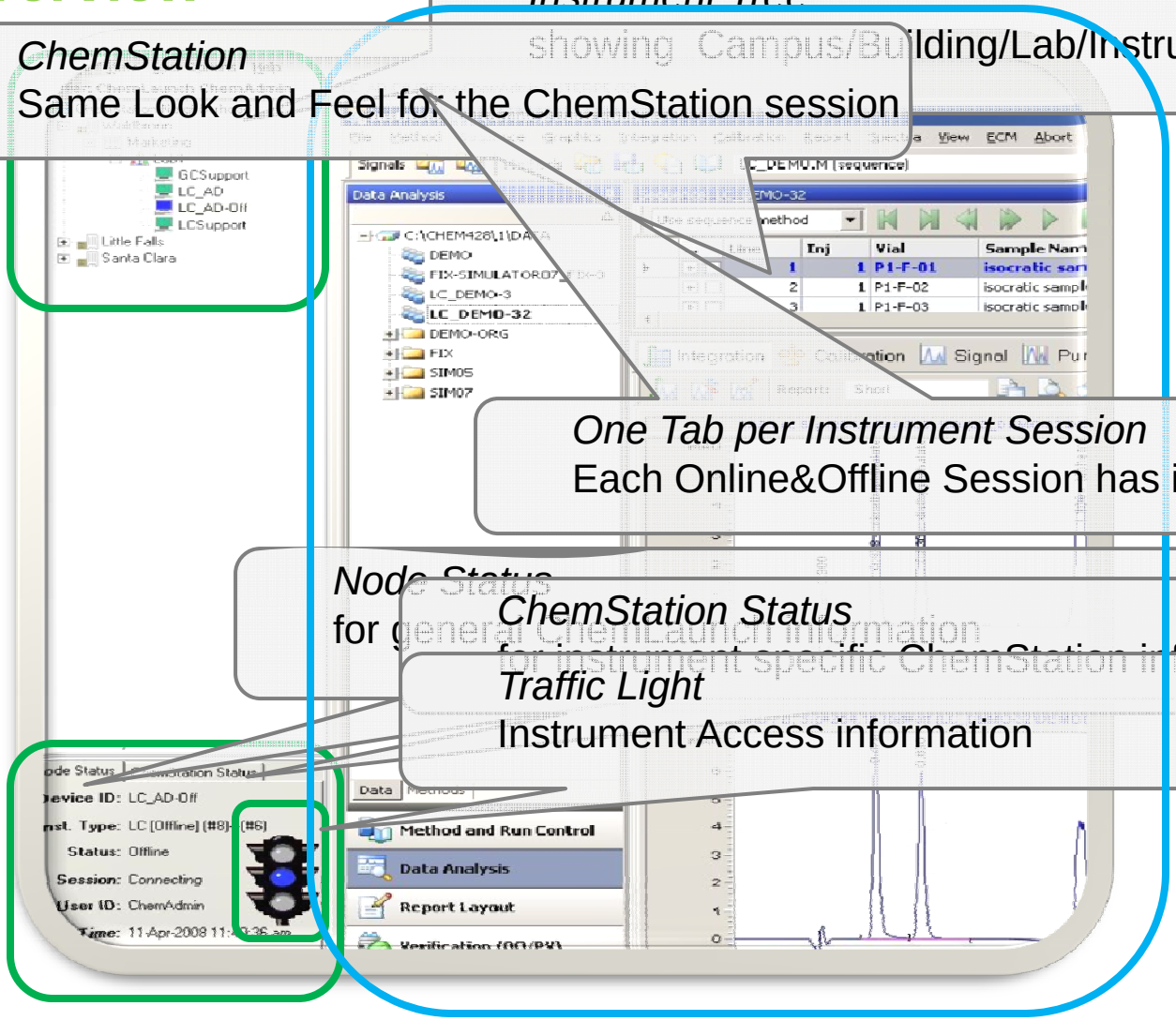
High Speed, Robust Performance

ChemLaunch Sessions

Overview

Instrument Tree
showing Campus/Building/Lab/Instrument

ChemStation
Same Look and Feel for the ChemStation session



One Tab per Instrument Session
Each Online&Offline Session has its own environment

Node Status
for general ChemLaunch information

ChemStation Status
for instrument specific ChemStation information

Traffic Light
Instrument Access information

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ChemLaunch Overview

AccessTraffic Lights

The traffic light represents the availability of the selected instrument.

Green – This color shows that the selected instrument is available to launch an online session.

Yellow – An offline or data analysis instrument. Is available to launch an offline session.

Blue – An online or offline session is already running for that instrument.

Red – This color shows that the selected instrument is not available.

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Proven Software Solutions

ChemLaunch Overview

Logoff – This function will shutdown ChemLaunch and all the online or offline ChemStation sessions that are running within the application.

Disconnect – This function will temporary close ChemLaunch but keeps all the online or offline ChemStations running in the background of the Citrix server. This function is useful when the user would like to have the experiments or testing ChemStation sessions running but would like to leave the current workstation. It keeps everything in the running state by disconnecting itself from the current workstation and prevents other users from altering the user's running experiments. The user can later reconnect to the running sessions from the same workstation or a different workstation with the ChemLaunch client installed and configured.

Reconnect – The users can reconnect their own previously disconnected ChemLaunch session by launching ChemLaunch as normal. If the system finds an existing session running, it will automatically bring it back with the state in which it was left. Otherwise, it will start a brand new ChemLaunch session.

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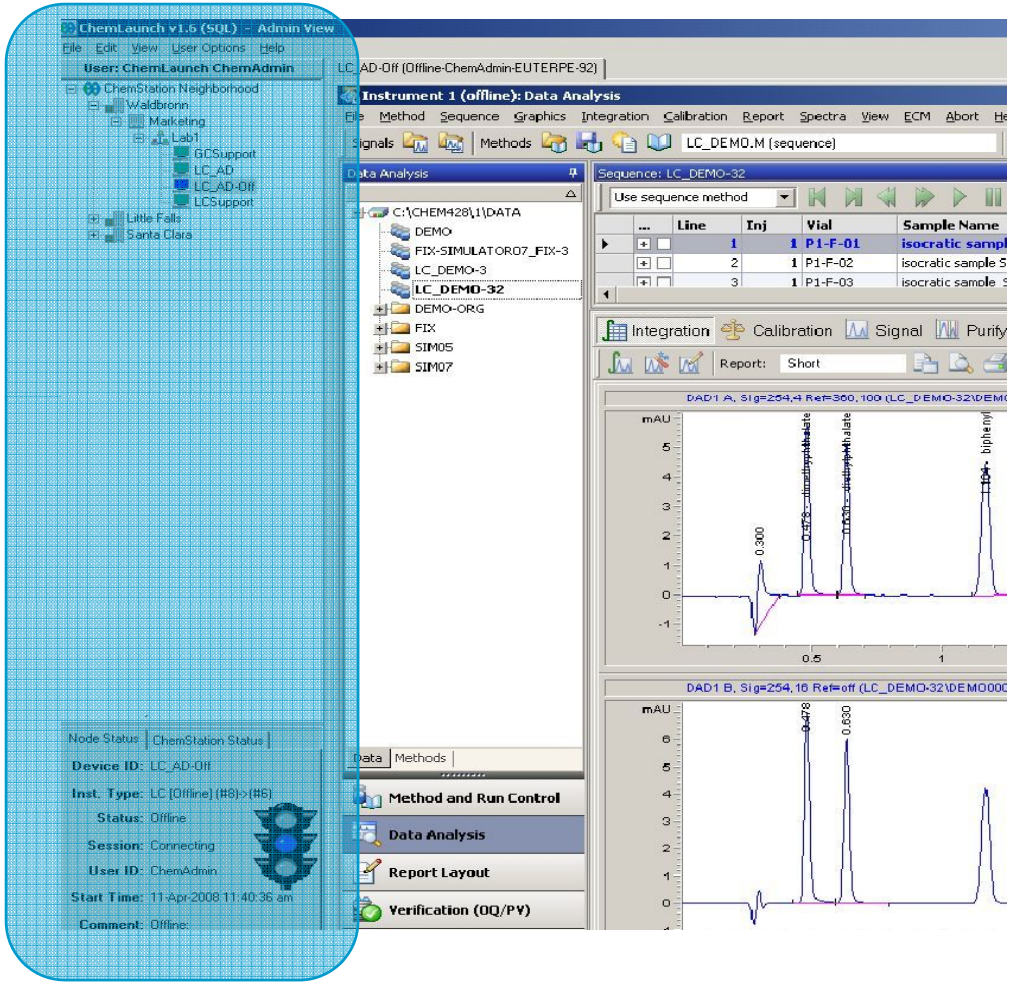
ChemLaunch Demonstration



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ChemLaunch Summary

The ChemStation-ChemLaunch Solution can save

- Time
- Effort
- Space
- Support costs

improving on the best instrument control and data acquisition platform in the business.

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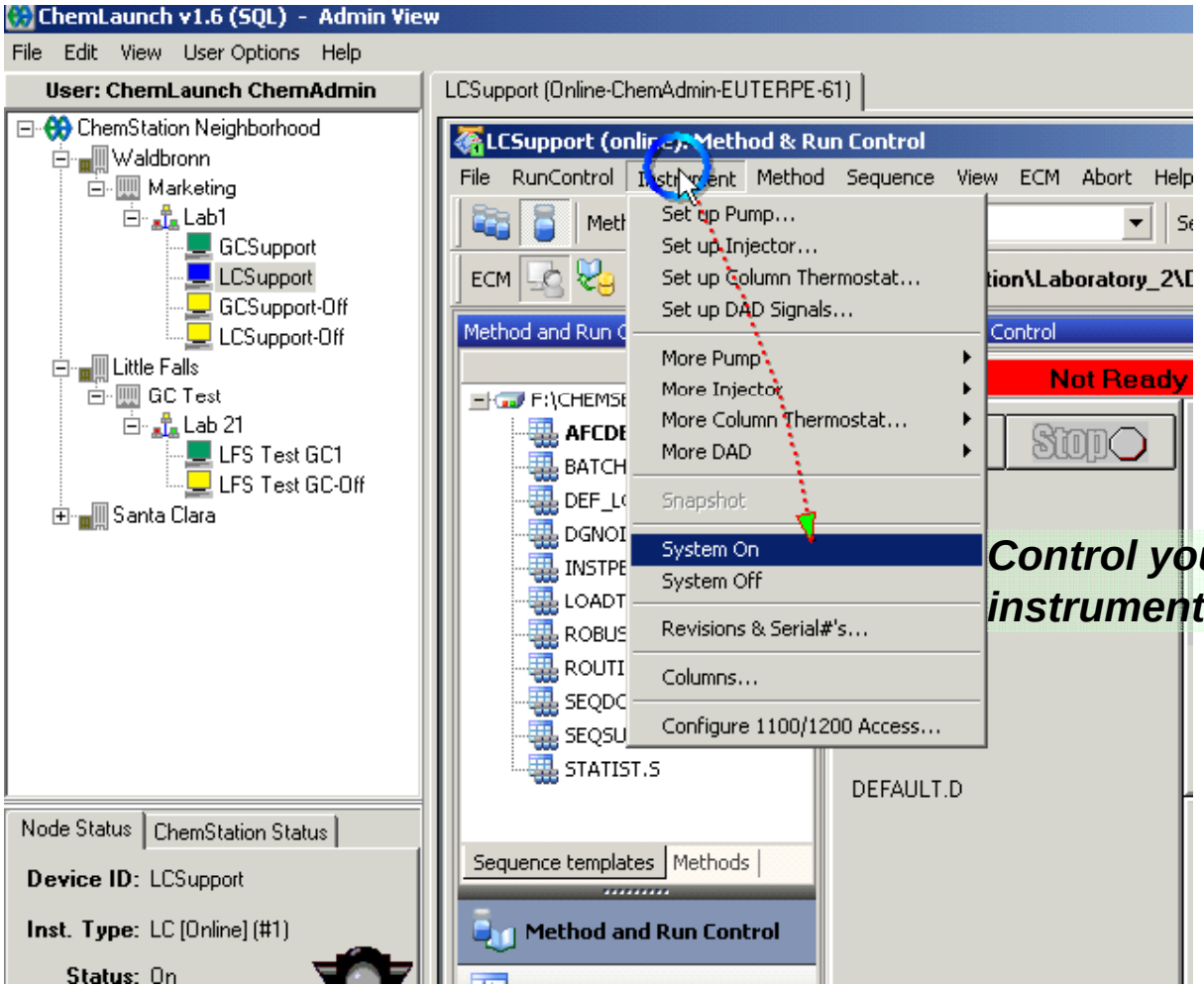
ChemStation in ChemLaunch

Same Functionality for the User

- Same look and feel for the users
- Slide differences present in the operation of online/offline sessions



Control your instrument

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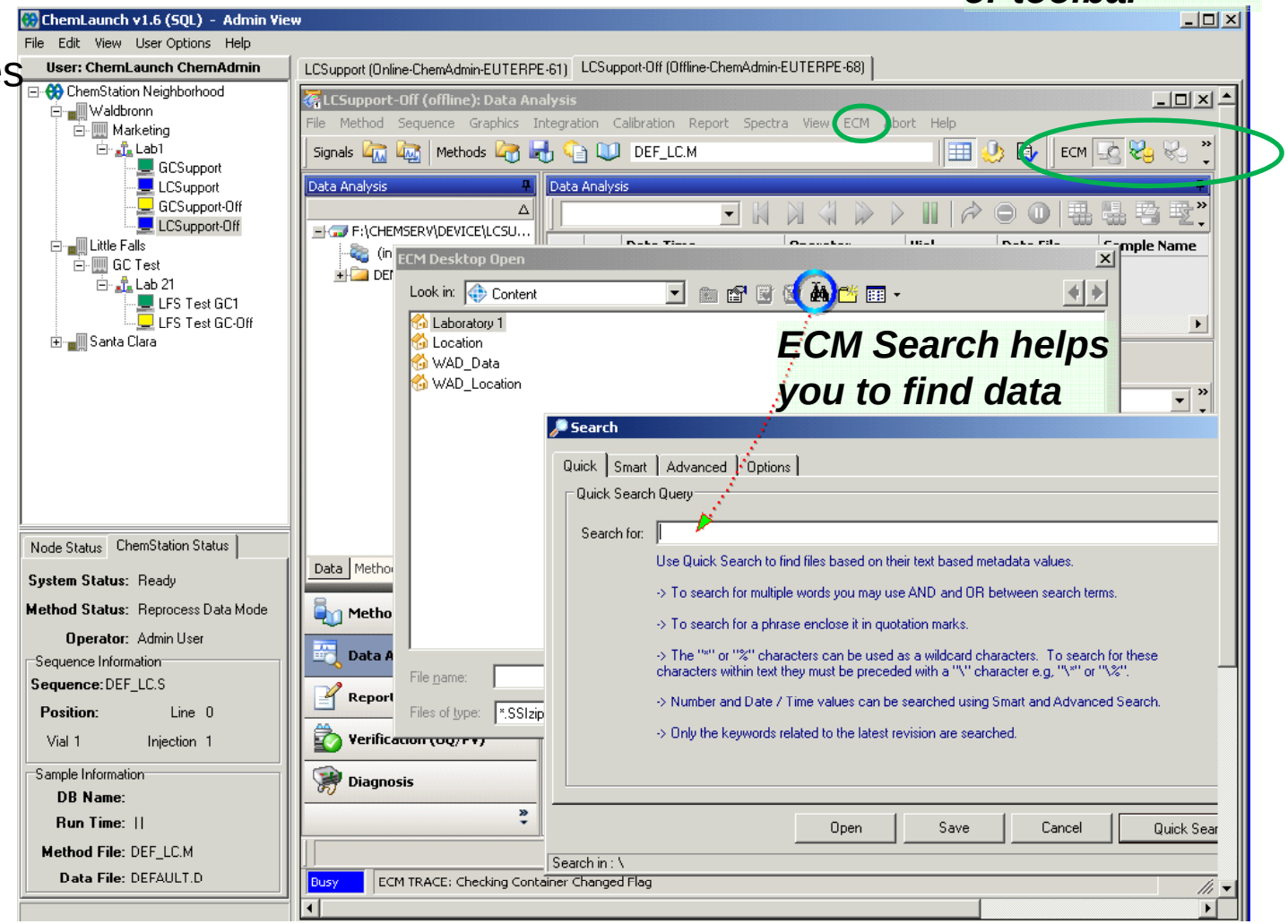
ChemStation OpenLAB Option in ChemLaunch

Same Functionality for the User

- Directly load ChemStation files from OpenLAB ECM
- Use full ECM search capabilities for **Methods, Sequence Templates** and **Raw Data**


Use ECM menu or toolbar
ChemLaunch v1.6 (SQL) - Admin View
File Edit View User Options Help
User: ChemLaunch ChemAdmin
ChemStation Neighborhood
Waldbronn
Marketing
Lab1
GCSupport
LCSupport
GCSupport-Off
LCSupport-Off
Little Falls
GC Test
Lab 21
LFS Test GC1
LFS Test GC-Off
Santa Clara
LCSupport (Online-ChemAdmin-EUTERPE-61)
LCSupport-Off (Offline-ChemAdmin-EUTERPE-68)
LCSupport-Off (offline): Data Analysis
File Method Sequence Graphics Integration Calibration Report Spectra View ECM Help
Signals Methods DEF_LC.M
ECM
Data Analysis
ECM Desktop Open
Look in: Content
Laboratory 1
Location
WAD_Data
WAD_Location
ECM Search helps you to find data
Search
Quick Smart Advanced Options
Quick Search Query
Search for:
Use Quick Search to find files based on their text based metadata values.
-> To search for multiple words you may use AND and OR between search terms.
-> To search for a phrase enclose it in quotation marks.
-> The "*" or "%" characters can be used as a wildcard characters. To search for these characters within text they must be preceded with a "\" character e.g. "*" or "\%".
-> Number and Date / Time values can be searched using Smart and Advanced Search.
-> Only the keywords related to the latest revision are searched.
Open Save Cancel Quick Sear
Search in : \
File name:
Files of type: *.SSIzip
Node Status ChemStation Status
System Status: Ready
Method Status: Reprocess Data Mode
Operator: Admin User
Sequence Information
Sequence: DEF_LC.S
Position: Line 0
Vial 1 Injection 1
Sample Information
DB Name:
Run Time: ||
Method File: DEF_LC.M
Data File: DEFAULT.D
Diagnosis
Busy
ECM TRACE: Checking Container Changed Flag

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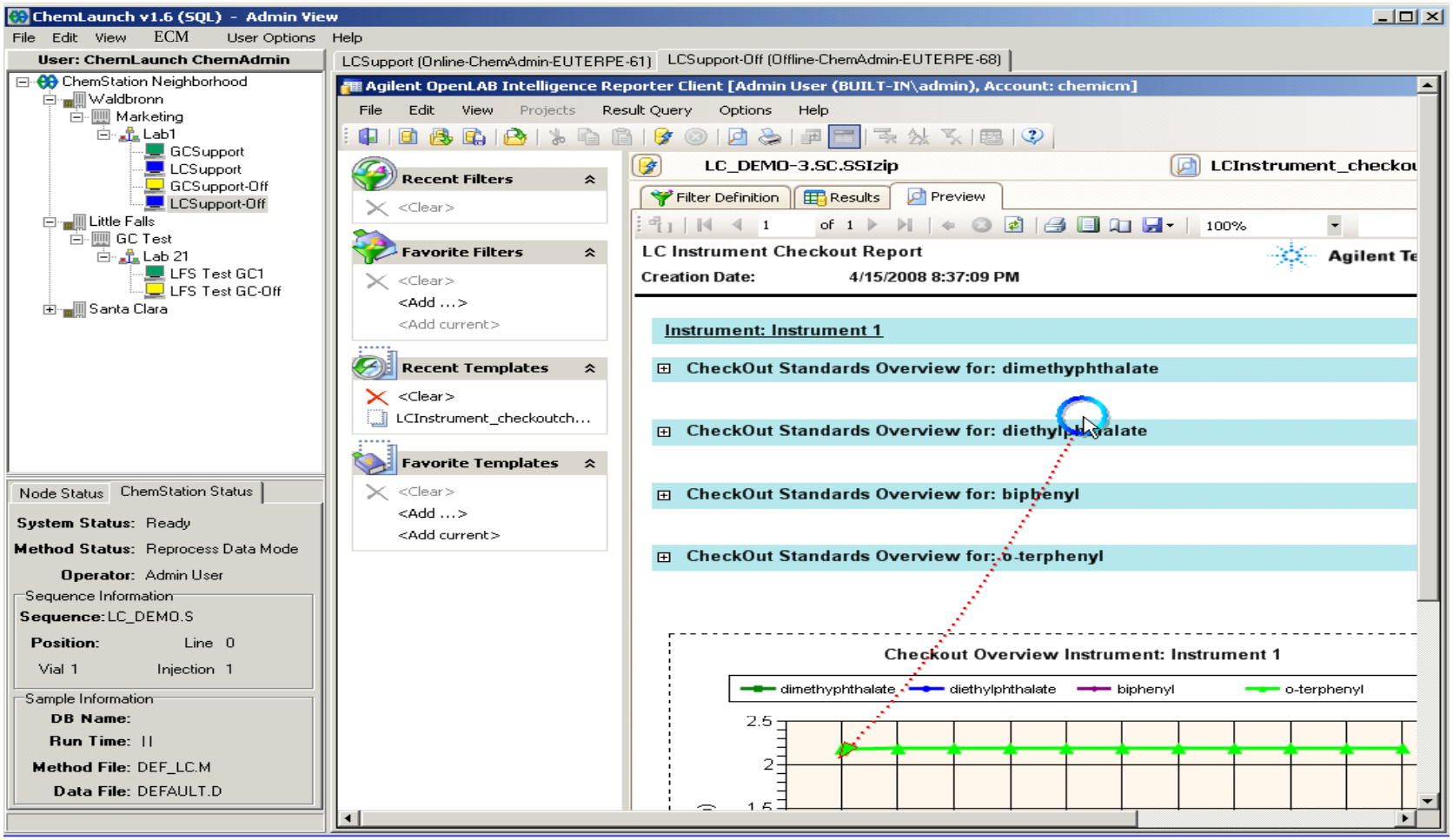
The ChemLaunch Solution

OpenLAB Intelligence Reporter



In Addition ChemLaunch can be configured to access the OpenLAB Intelligence Reporter and the ECM Client via the ECM menu.

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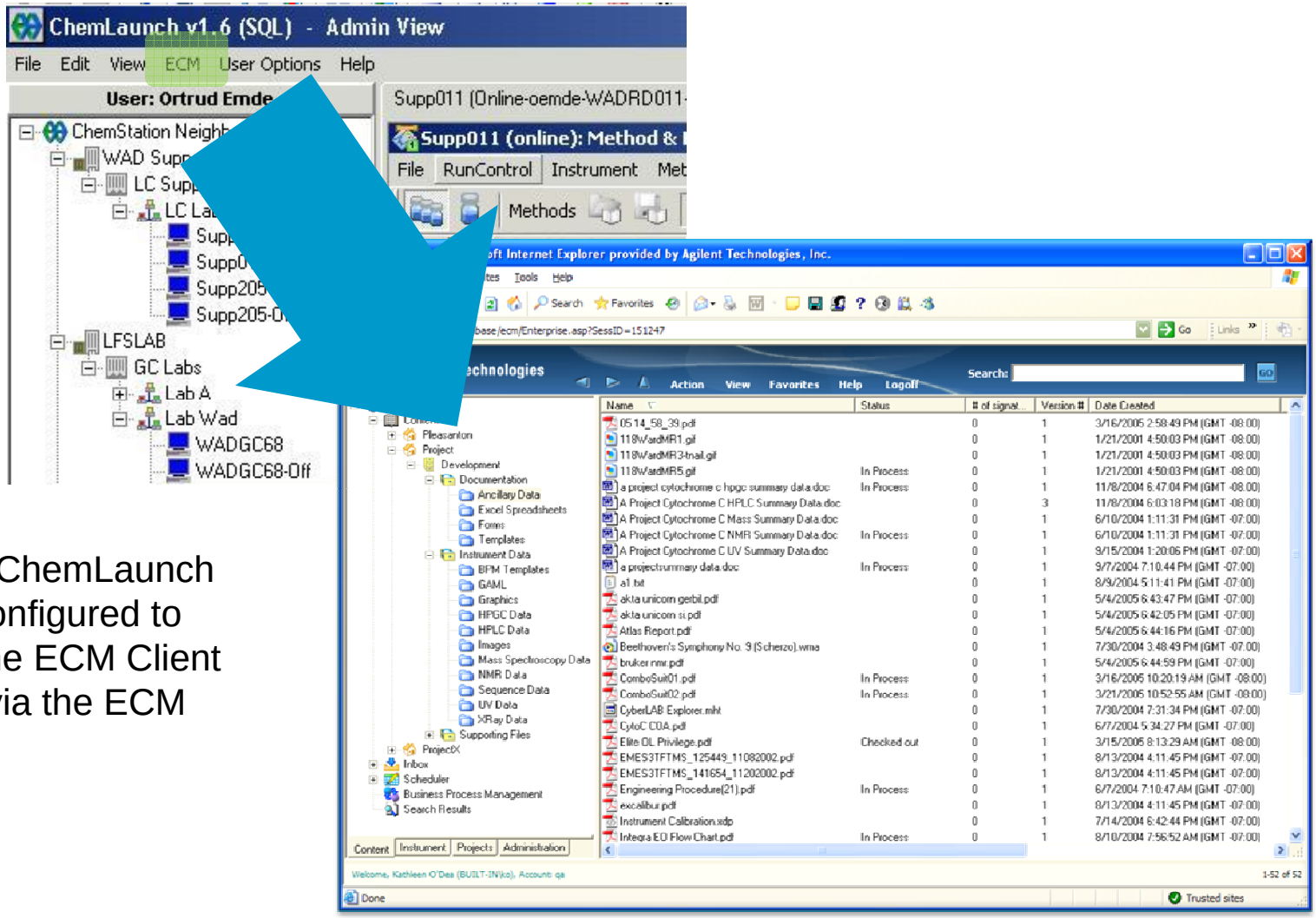
The ChemLaunch Solution

ECM



- Optional ChemLaunch can be configured to access the ECM Client directly via the ECM menu.

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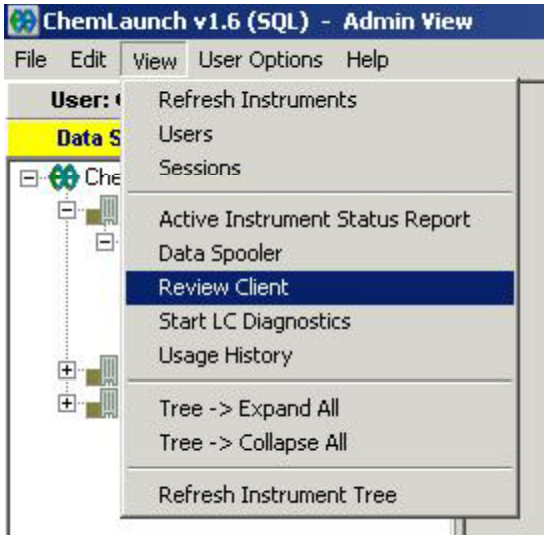
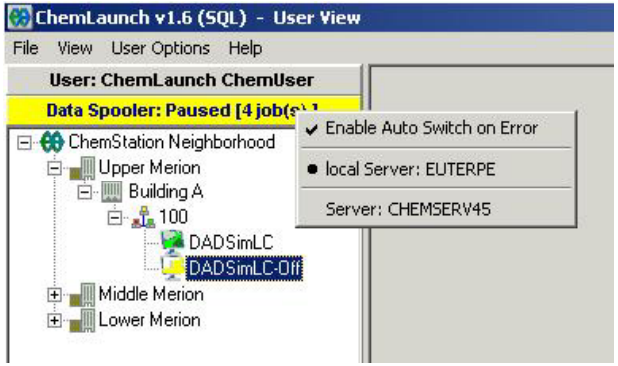
The ChemLaunch Solution

ChemStore

- Using ChemStore, the Review Client is accessible from the ChemLaunch Neighbourhood



- The ChemStore Spooler Management is visualised in the ChemLaunch Neighbourhood



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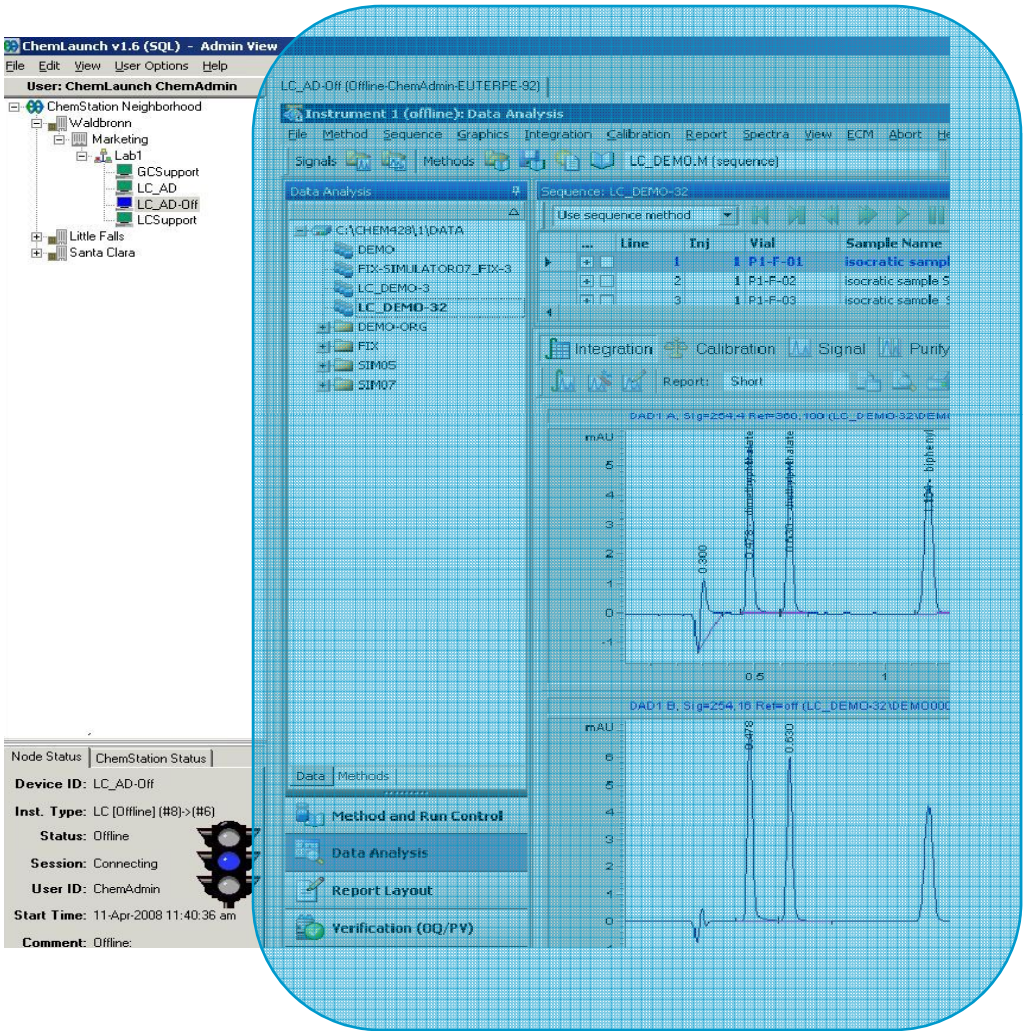
ChemStation Running in ChemLaunch



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Possible Combinations: ChemLaunch* with

ChemStation	ChemStation OpenLAB Option OpenLAB Add-Ons	ChemStation ChemStore
ChemLaunch C.1.6. SP2	ChemLaunch C.1.6 SP2	ChemLaunch C.1.6
ChemStation B.0.4.01 SP1 LC / GC / AD / CE** / LCMS	ChemStation B.0.4.01 SP1 LC / GC / AD / CE** / LCMS	ChemStation B.0.4.01 LC / GC / AD / CE** / LCMS
	G2189A OpenLAB Option Using ECM 3.3.2 WG/Enterp.	ChemStore B.0.4.02
Note: GC/MS is not compatible	OpenLAB Intelligence Reporter A.01.01 Using ECM 3.3.2 WG/Enterp.	

*ChemLaunch distributed from Healex

**offline only

ChemLaunch Supported Instruments*

Instrument	Communication Interface	Supported by ChemLaunch
1100 Series LC& 1200 Series LC	LAN	✓
7890N GC, 6890N GC,	LAN	✓
35900E A/D Converter	LAN	✓
G4240A Chip Cube Interface	LAN	✓
6890A/Plus GC	LAN	✓
G1600A Capillary Electrophoresis (and CE/MS)	GPIB	No online instrument, but offline session
G4218A ELSD and 3rd party LC detectors	RS232 via CIC	X
1100 LC Series, 1050, 1046 FLD, 1049 ECD, 1090 LC Series	GPIB	X
5890A, 6890A/Plus GC	GPIB	X

***with ChemStation B.04.01**

Next Steps

Where Can I get a Demo?

If you are interessted and you would like to see a demonstration of the solution please contact either

Healex
(sales@chemlaunch.com)

or

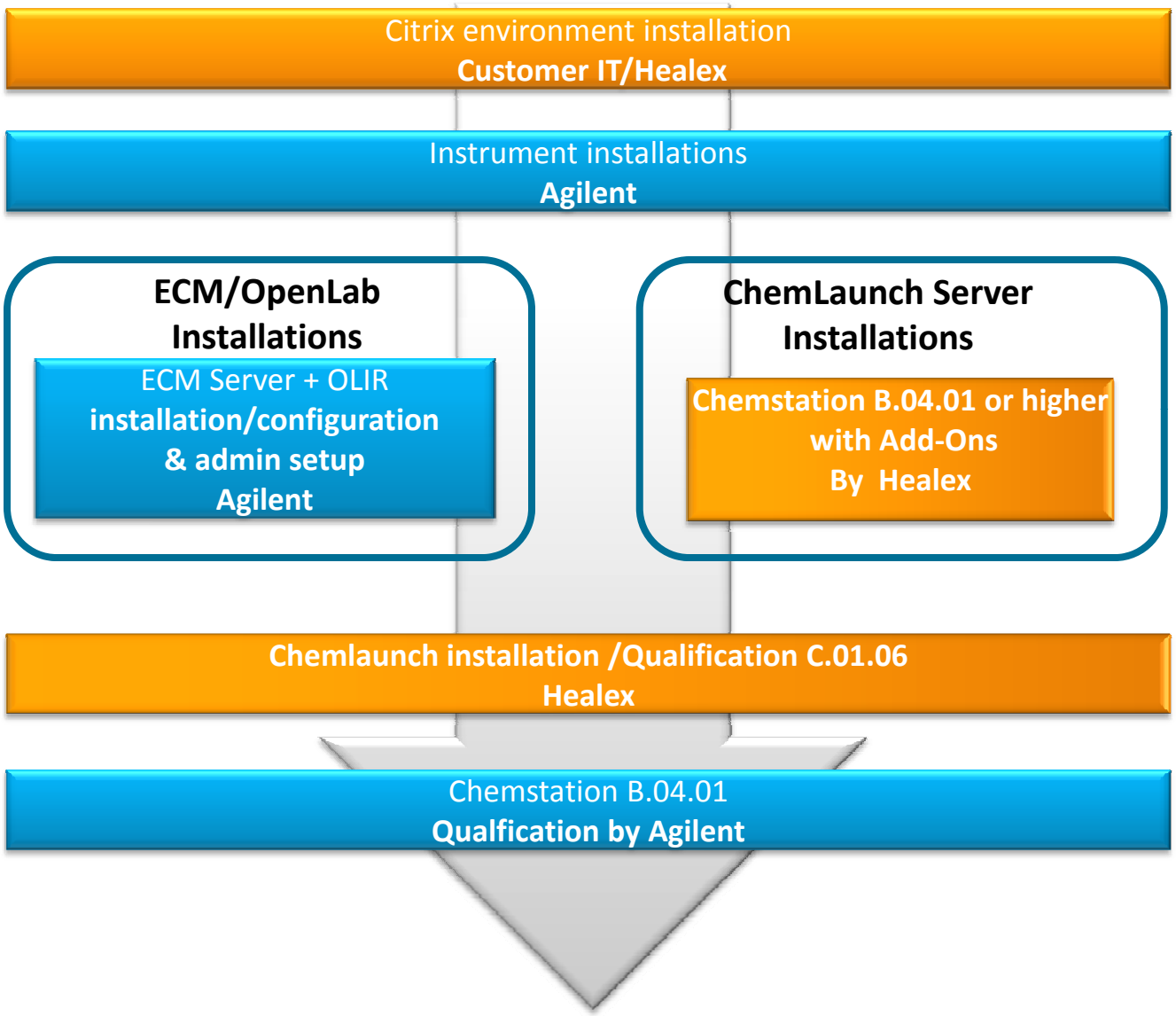
Agilent
(your sales representative)

Agilent will forward your request to Healex, so your request will be handled by both parties and you will be contacted.

Ordering ChemLaunch: Whom to ask?

Product ChemLaunch with	Contact
ChemStation	Healex: sales@chemlaunch.com
ChemStation with OpenLAB Option OpenLAB Add-Ons	Europe: pso_europe@agilent.com North America: greg_kaminsky@agilent.com
ChemStation ChemStore	Europe: pso_europe@agilent.com North America: greg_kaminsky@agilent.com

Installation and Service Delivery Flow



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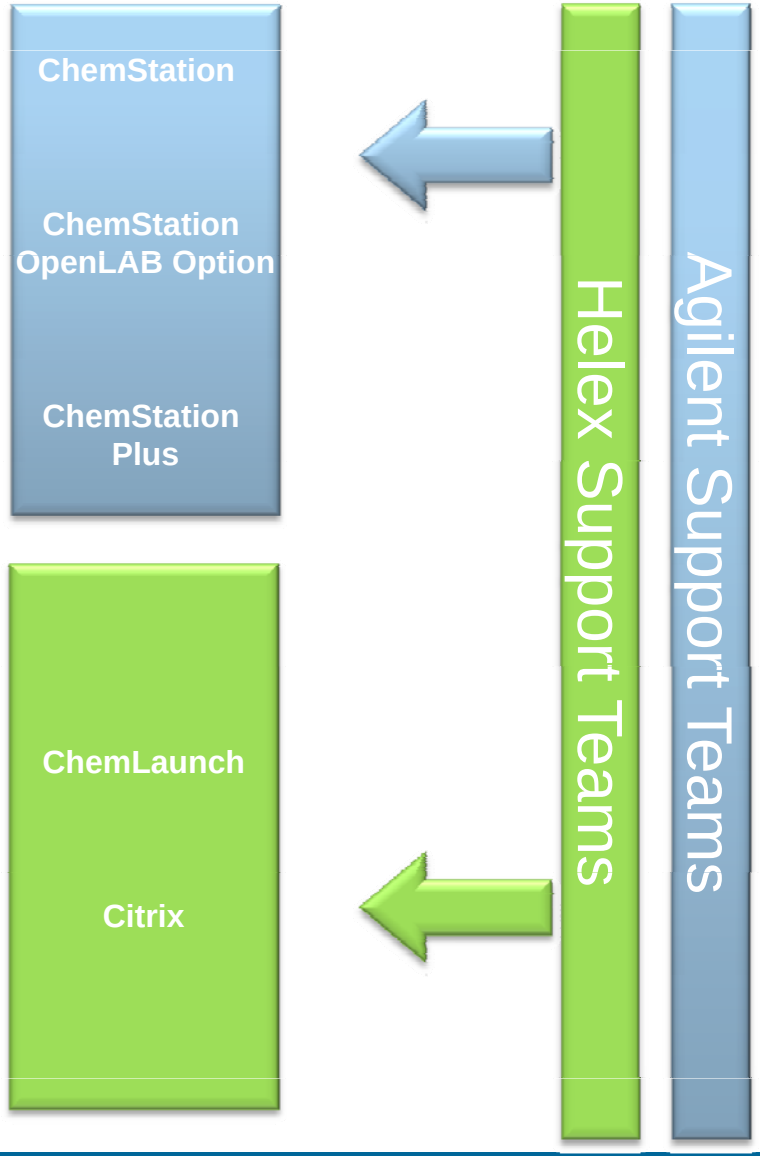
What Healex Provides

- ChemLaunch solution
- Citrix configuration and application knowledge
- Installation in conjunction with Agilent PSO
- Validation if required
- ChemLaunch Training
- Product support and upgrades

What Agilent Provides

- ChemStation
- ChemStation with various Add-Ons
- Installation in conjunction with Healex
- ChemStation (incl. Add-ons) Validation if required
- ChemStation (incl. Add-ons) Training
- Product support and upgrades

Whom to Contact for Support



- Contact either the Agilent or the Healex Support Team
- see www.agilent.com for your local support telephone number (Agilent)
- see www.chemlaunch.com for your local support telephone number (Healex)
- The Support Team in question, will channel the issue to the correct owner to help resolving the issue as fast as possible

Questions around this solution

Nicholas Place
nplace@healex.com
www.chemlaunch.com
(1) 302.235.5750
(1) 888.637.9997

Ortrud Emde
Ortrud_Emde@agilent.com
www.agilent.com
(49) 7243/602-2546

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Available Documentation

Information from Healex: http://www.healex.com

Information on ChemLaunch: http://www.chemlaunch.com/
Healex ChemLaunch User Manual: Please contact Healex for the User Manual.

Information from Agilent about 3rd party Solution:

Documents available for download from the Agilent Web-Portal:
http://www.chem.agilent.com/en-US/Search/Library/Pages/default.aspx

Brochures: Healex Systems ChemLaunch (Terminal Server Support and Remote Access for Agilent ChemStation, Pub. No.: 5990-3268EN)

Web-Ex: ChemLaunch - Operate your ChemStation from anywhere - Find out how!
Schedule: 22nd September 2009, 11am ET/ 08:00 am PT

Please register using the Agilent Web-Site: www.agilent.com/chem/eSeminars
Later on the recorded Web-Ex will be present for download.

Learning Products – North America Course Catalog

Users needing to increase productivity in the lab by utilizing both standard and advanced features available in the Agilent GC/LC ChemStation may want to attend one of the following courses:

- H2606A - ChemStation for GC Data Analysis and Reporting (2 days)
- H5928A - Agilent HPLC (2D) Data Analysis and Reporting (2 days)
- H4039A - Agilent HPLC (3D) Data Analysis and Reporting (3 days)

Course Features

- Data acquisition and method creation
- Data analysis including integration and calibration
- Sequencing
- Reporting

For more information concerning course content, dates and locations, please visit:

http://www.chem.agilent.com/en-US/education/en-us/classroomtraining/Pages/Courselisting.aspx

Learning Products – European Course Catalog

Users needing to increase productivity in the lab by utilizing both standard and advanced features available in the Agilent GC/LC ChemStation may want to attend one of the following courses:

- H4033A – Agilent HPLC (3D) Method&Run Control, Data Analysis and Reporting (4 days)
- H8718A - Agilent HPLC (3D) Data Analysis and Reporting (2 days)
- H5928A – Advanced User Training, Quantification and Result Reporting (2 days)

Course Features

- Data acquisition and method creation
- Data analysis including integration and calibration
- Sequencing
- Reporting

For more information concerning course content, dates and locations, please visit:

http://www.chem.agilent.com/en-US/education/pages/homepage.aspx

QUESTIONS?

Supported Configuration *

Server/Client Requirements	Window 2003 Server (English) Citrix Advanced/Enterprise XenApp Server Thin Clients running WebBrowser
Supported Combinations	ChemStation B.04.01/B.04.01 SP1 ChemStation B.04.01/B.04.01 SP1 with OpenLAB Option (and OpenLAB Intelligence Reporter A.01.01) ChemStation PLUS B.04.02 (with Security Pack B.04.02)
Supported ChemStation Software	LC, GC, A/D and LC/MS ChemStation CE, CE/MS ChemStation Offline Only
Add-On Software	NO Add-On Packages supported (Head-Space for GC in progress, status June 2009)
Screen Resolution	Min. one resolution higher than required by ChemStation 1280 x 1024, best Wide- Screens
Supported Instruments	LAN-based Instruments

***Details see ChemLaunch/ChemStation Specifications:** Publification No. 5990-3268EN

Maximum Number of Supported Instruments*

Instrument/Operating Systems	Estimate per ChemLaunch Server
Number of concurrent online Instruments 2D LC/3D LC/GC/LCMS/CE	2D LC/3D LC/GC/LCMS 20/15/20/10
Number of concurrent Instrument sessions (online and offline)	20
Number of concurrent offline sessions plus ChemStore Review Clients	20
Number of concurrent offline sessions plus OpenLAB Intelligence Reporter Clients	20

* single server enviroment. In case of a load balanced system each Citrix Server in the Server Farm acts as a Single Server with central Device folder on a netwoark file.